

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052322\  
 Data File : BF128408.D  
 Acq On : 23 May 2022 19:10  
 Operator : CG\JU  
 Sample : N2876-21  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P007-SS014-0006-01

Quant Time: May 24 01:23:29 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 21 05:28:09 2022  
 Response via : Initial Calibration

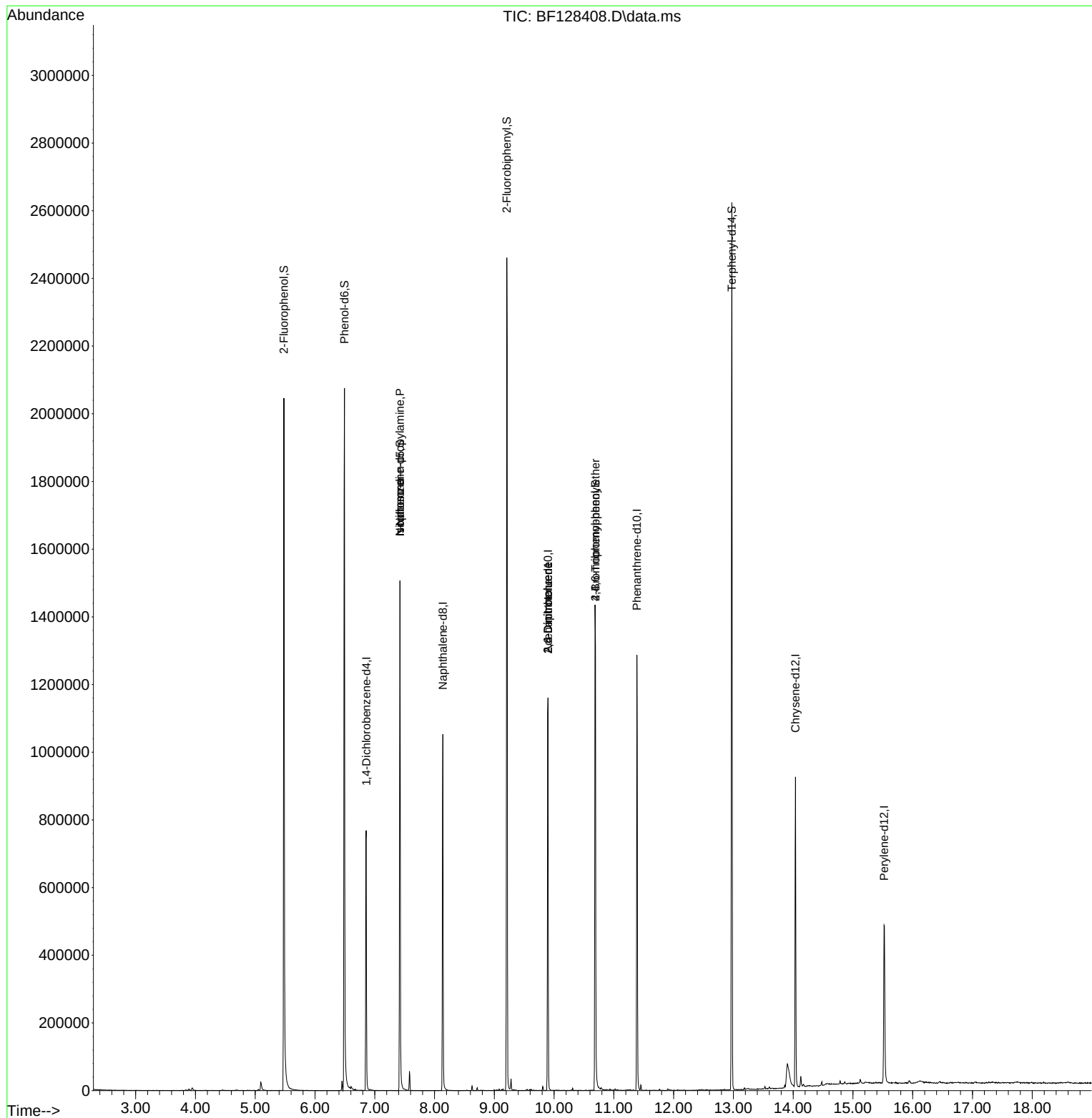
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 117980   | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 457151   | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.898  | 164  | 258102   | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.386 | 188  | 470721   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 312263   | 20.000    | ng     | -0.01    |
| 86) Perylene-d12              | 15.521 | 264  | 238303   | 20.000    | ng     | -0.01    |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 546607   | 73.729    | ng     | 0.00     |
| 7) Phenol-d6                  | 6.492  | 99   | 697588   | 71.457    | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 480821   | 47.125    | ng     | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 180756   | 67.907    | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.210  | 172  | 785977   | 49.800    | ng     | -0.01    |
| 79) Terphenyl-d14             | 12.974 | 244  | 887124   | 54.842    | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.486  | 77   | 1130     | Below Cal | #      | 3        |
| 19) n-Nitroso-di-n-propyla... | 7.422  | 70   | 63107    | 10.809    | ng     | # 79     |
| 25) Isophorone                | 7.422  | 82   | 480816   | 30.751    | ng     | # 68     |
| 51) 2,6-Dinitrotoluene        | 9.898  | 165  | 32997    | 9.177     | ng     | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.898  | 165  | 32997    | 7.284     | ng     | # 26     |
| 67) 4-Bromophenyl-phenylether | 10.692 | 248  | 11202    | 2.274     | ng     | # 1      |
| -----                         |        |      |          |           |        |          |

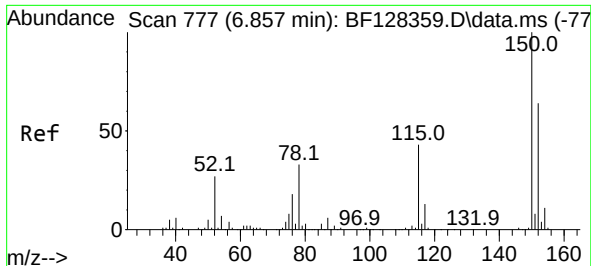
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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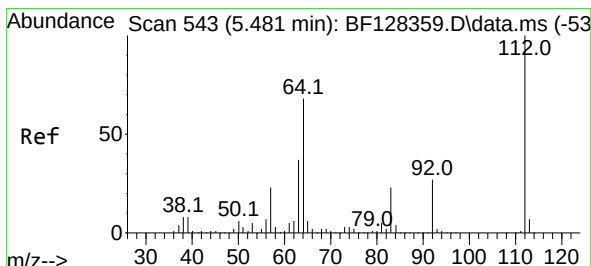
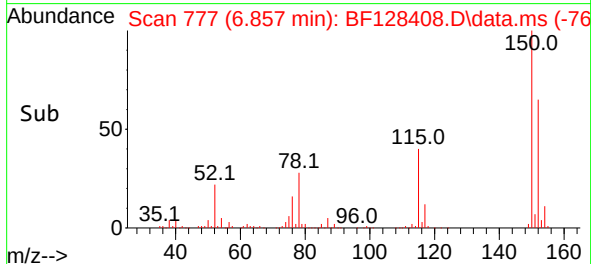
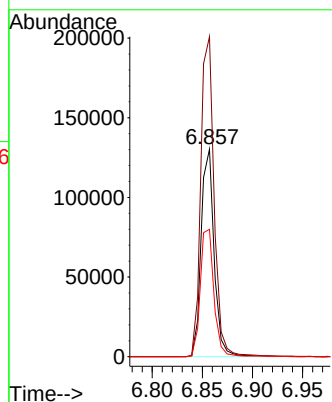
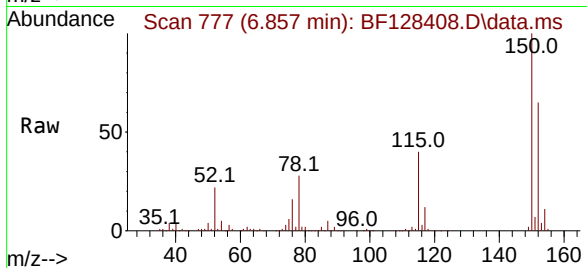




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.857 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

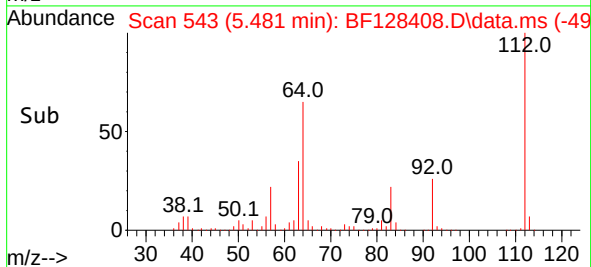
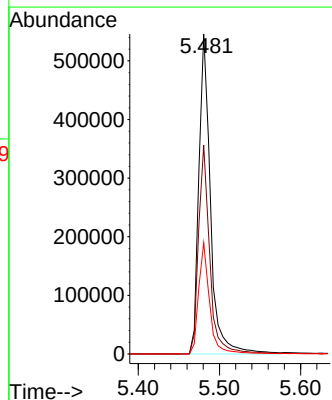
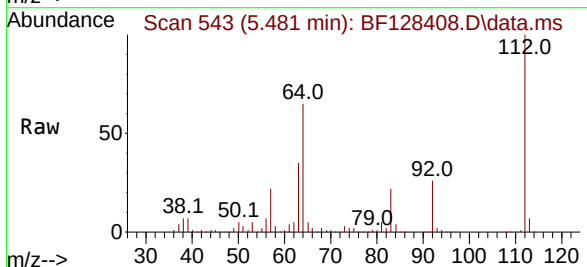
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS014-0006-01

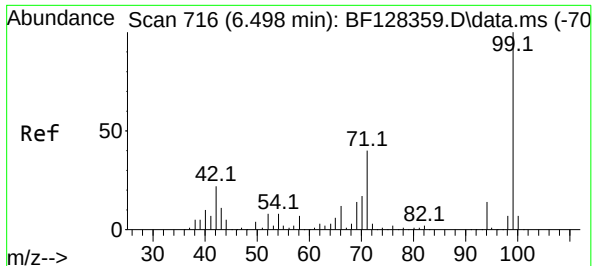
Tgt Ion:152 Resp: 117980  
Ion Ratio Lower Upper  
152 100  
150 154.2 125.3 187.9  
115 61.4 48.8 73.2



#5  
2-Fluorophenol  
Concen: 73.729 ng  
RT: 5.481 min Scan# 543  
Delta R.T. -0.000 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

Tgt Ion:112 Resp: 546607  
Ion Ratio Lower Upper  
112 100  
64 65.3 49.5 74.3  
63 34.8 26.3 39.5

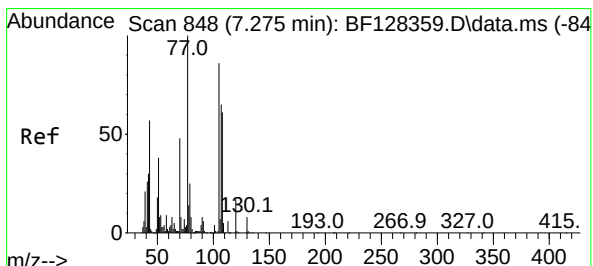
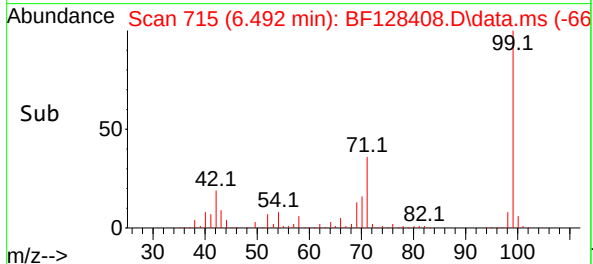
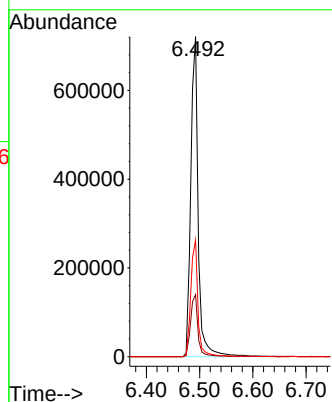
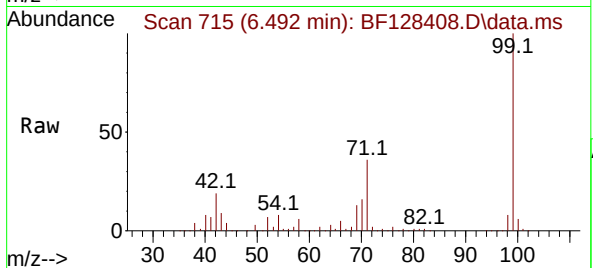




#7  
Phenol-d6  
Concen: 71.457 ng  
RT: 6.492 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

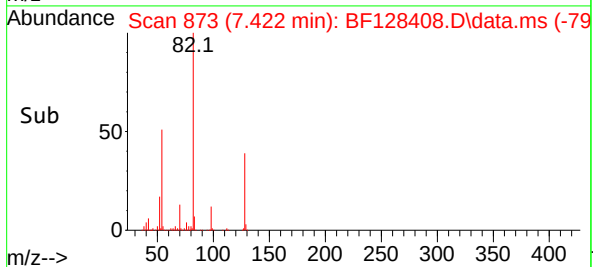
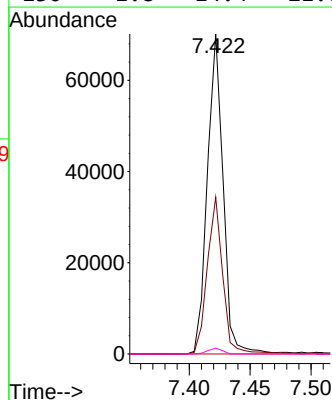
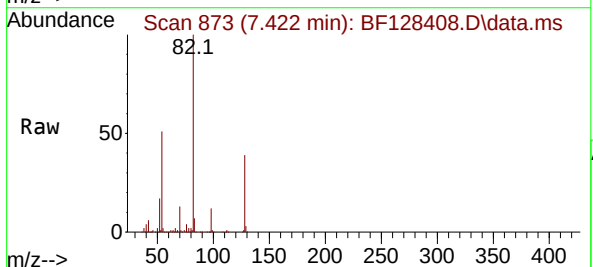
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS014-0006-01

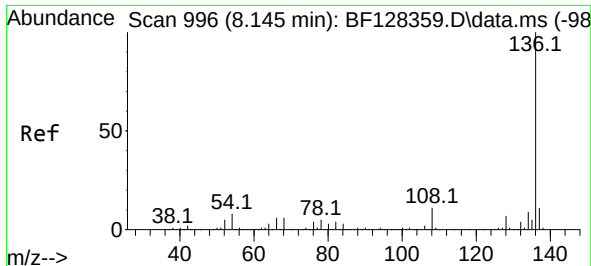
Tgt Ion: 99 Resp: 697588  
Ion Ratio Lower Upper  
99 100  
42 19.4 16.6 24.8  
71 36.4 30.0 45.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 10.809 ng  
RT: 7.422 min Scan# 873  
Delta R.T. 0.147 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

Tgt Ion: 70 Resp: 63107  
Ion Ratio Lower Upper  
70 100  
42 49.0 48.7 73.1  
101 0.0 7.2 10.8#  
130 1.8 14.4 21.6#

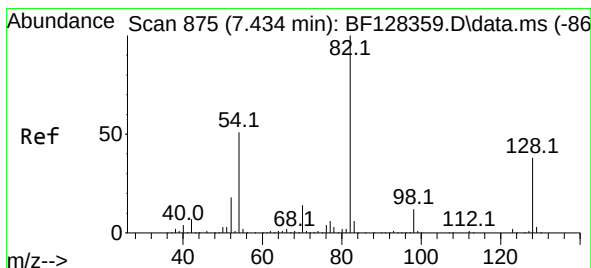
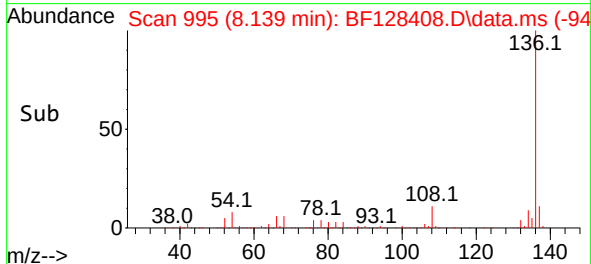
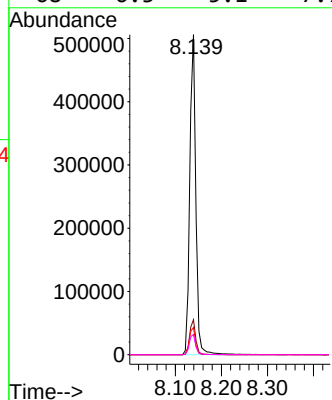
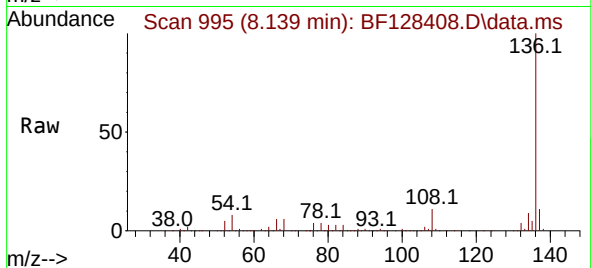




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.139 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

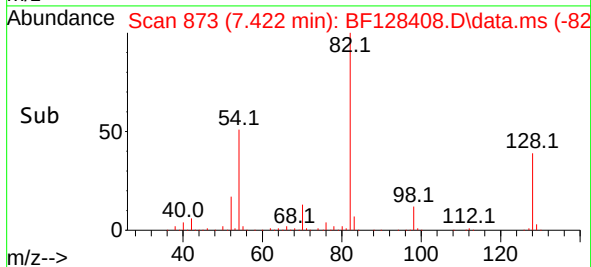
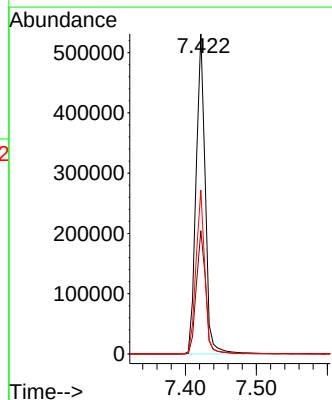
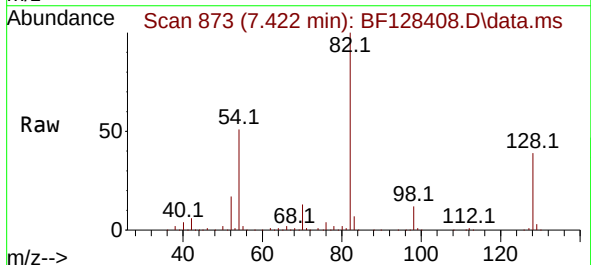
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS014-0006-01

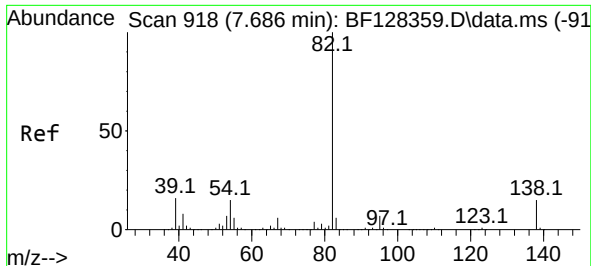
Tgt Ion:136 Resp: 457151  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 8.5 6.8 10.2  
68 6.3 5.1 7.7



#23  
Nitrobenzene-d5  
Concen: 47.125 ng  
RT: 7.422 min Scan# 873  
Delta R.T. -0.012 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

Tgt Ion: 82 Resp: 480821  
Ion Ratio Lower Upper  
82 100  
128 38.5 30.0 45.0  
54 51.2 41.3 61.9

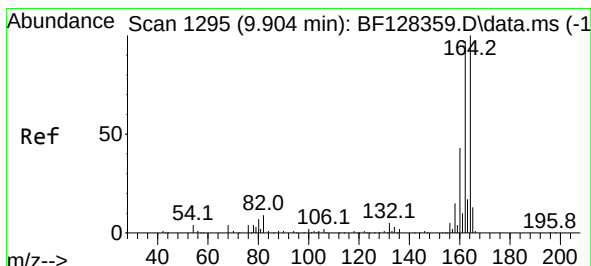
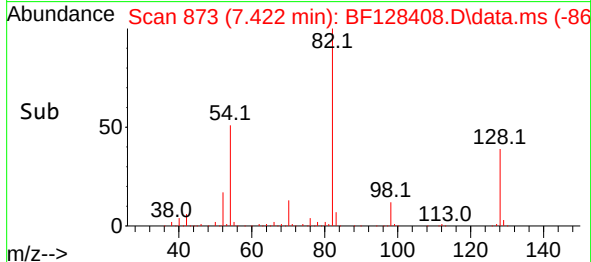
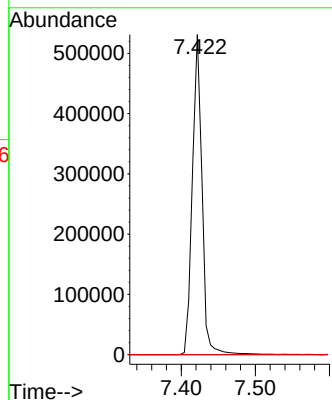
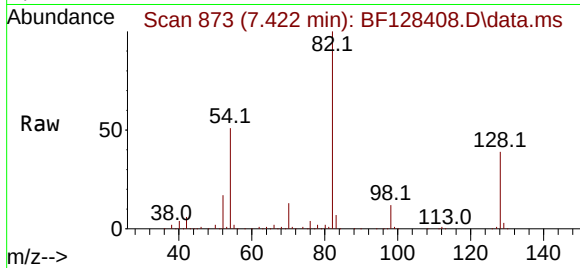




#25  
Isophorone  
Concen: 30.751 ng  
RT: 7.422 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

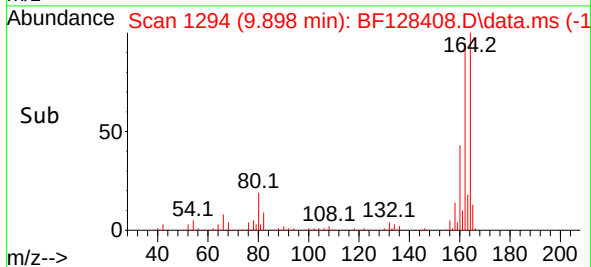
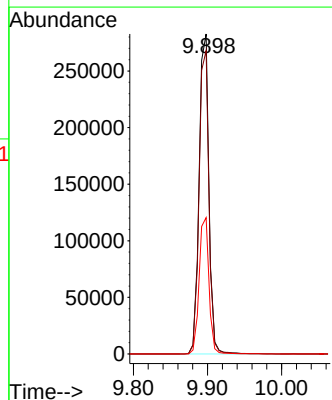
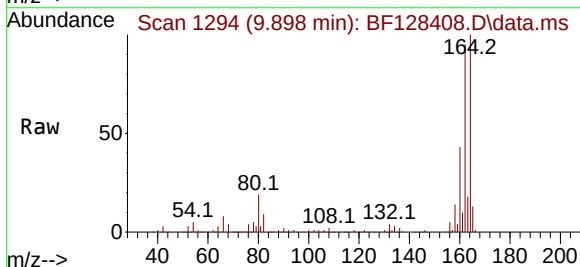
Instrument :  
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ClientSampleId :  
P007-SS014-0006-01

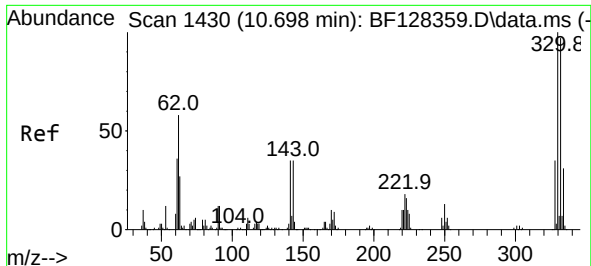
Tgt Ion: 82 Resp: 480816  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.6 8.4#  
138 0.0 12.5 18.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.898 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

Tgt Ion:164 Resp: 258102  
Ion Ratio Lower Upper  
164 100  
162 94.8 76.0 114.0  
160 42.6 34.8 52.2

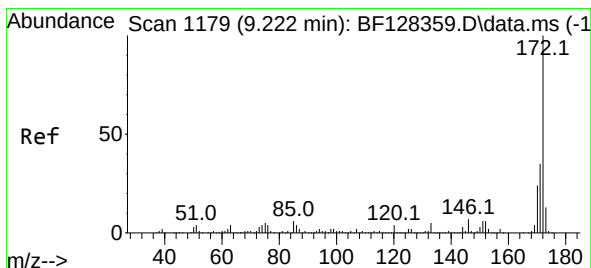
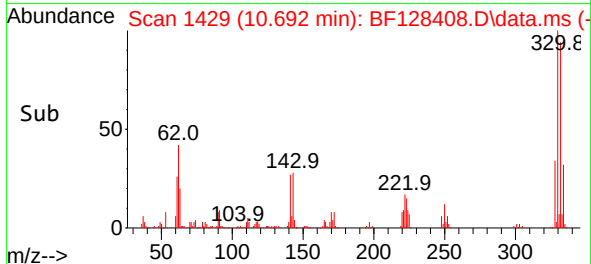
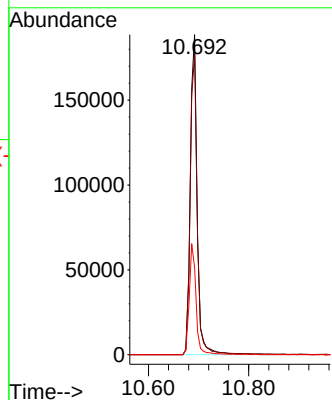
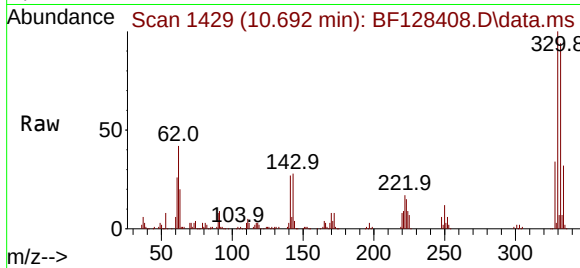




#42  
2,4,6-Tribromophenol  
Concen: 67.907 ng  
RT: 10.692 min Scan# 1429  
Delta R.T. -0.006 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

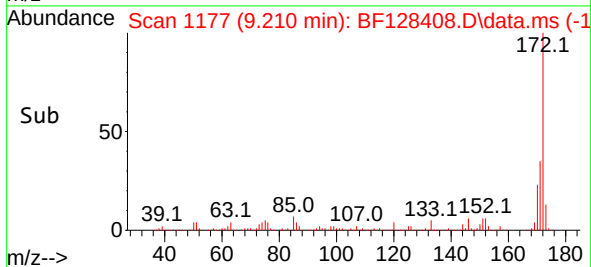
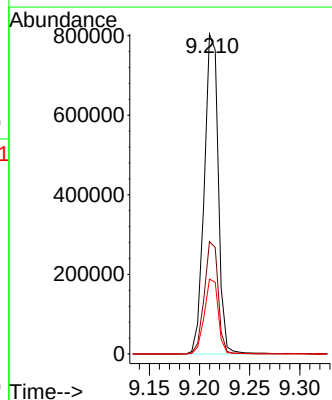
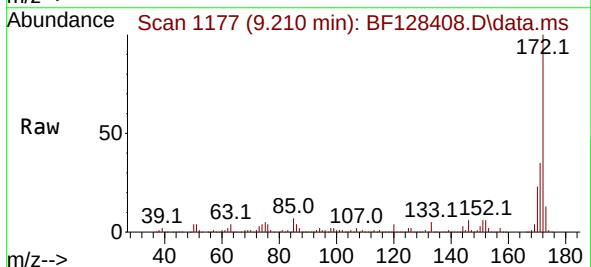
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BNA\_F  
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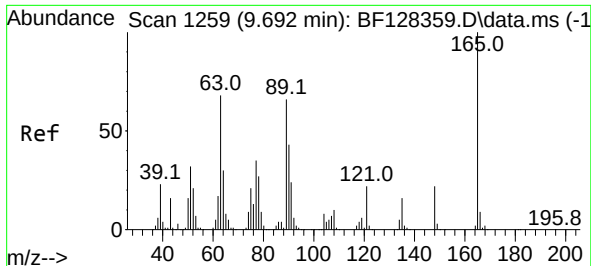
Tgt Ion:330 Resp: 180756  
Ion Ratio Lower Upper  
330 100  
332 95.1 79.0 118.4  
141 34.0 28.9 43.3



#45  
2-Fluorobiphenyl  
Concen: 49.800 ng  
RT: 9.210 min Scan# 1177  
Delta R.T. -0.012 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

Tgt Ion:172 Resp: 785977  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.6 42.8  
170 23.4 19.1 28.7

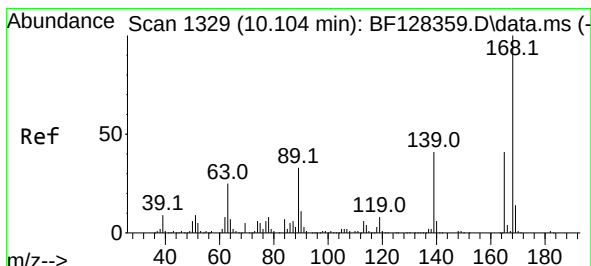
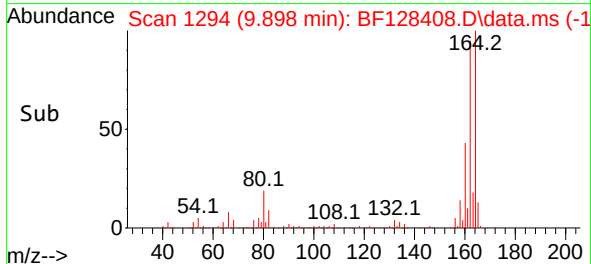
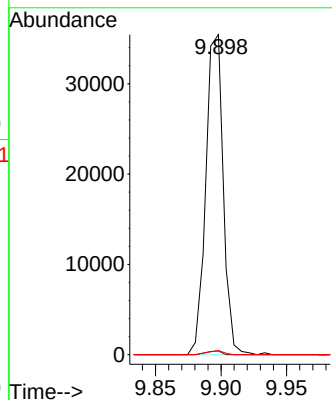
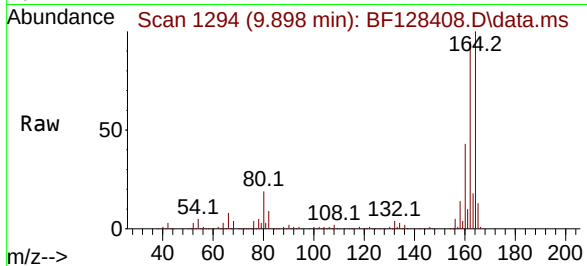




#51  
2,6-Dinitrotoluene  
Concen: 9.177 ng  
RT: 9.898 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

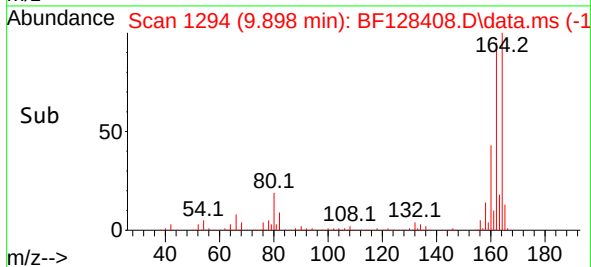
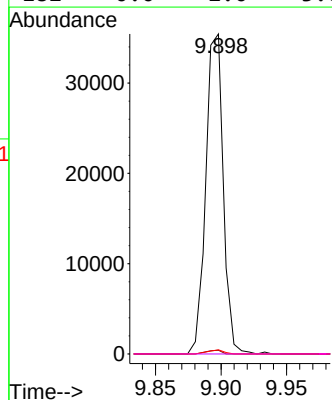
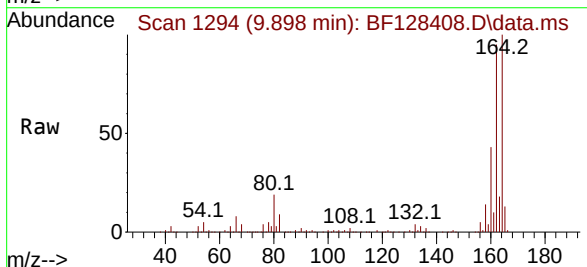
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS014-0006-01

Tgt Ion:165 Resp: 32997  
Ion Ratio Lower Upper  
165 100  
63 1.2 49.5 74.3#  
89 1.3 49.0 73.4#

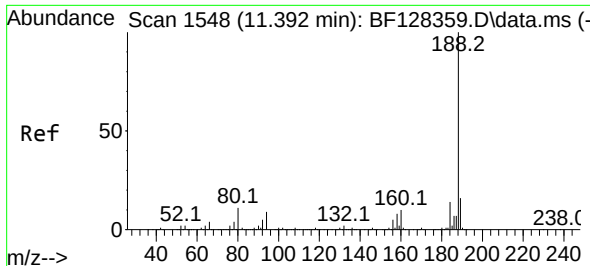


#57  
2,4-Dinitrotoluene  
Concen: 7.284 ng  
RT: 9.898 min Scan# 1294  
Delta R.T. -0.206 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

Tgt Ion:165 Resp: 32997  
Ion Ratio Lower Upper  
165 100  
63 1.2 32.6 49.0#  
89 1.3 55.2 82.8#  
182 0.0 2.0 3.0#



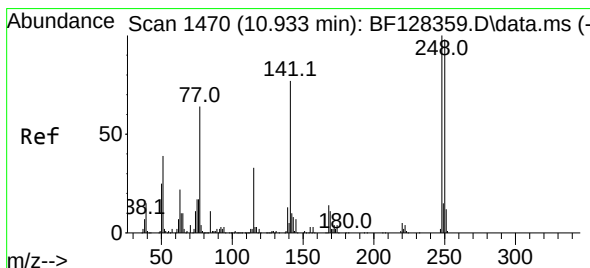
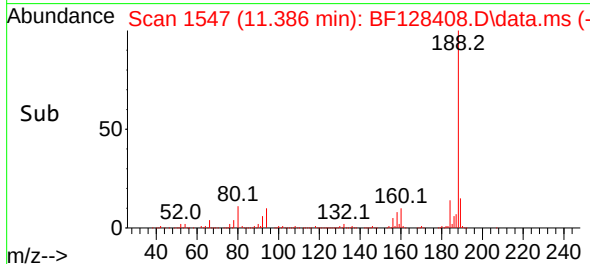
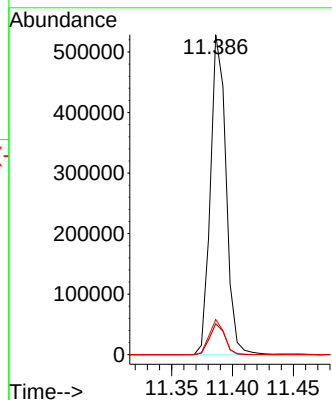
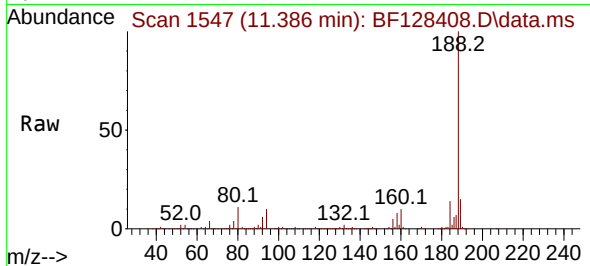




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.386 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

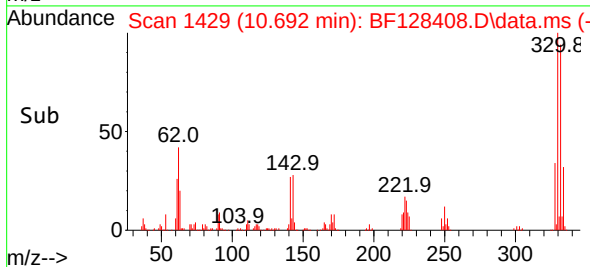
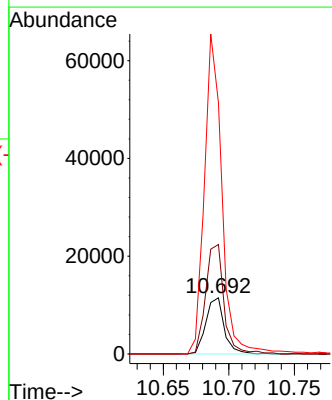
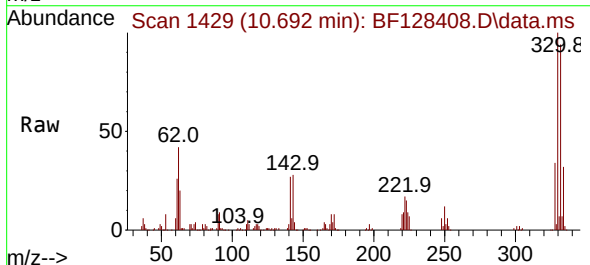
Instrument :  
BNA\_F  
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P007-SS014-0006-01

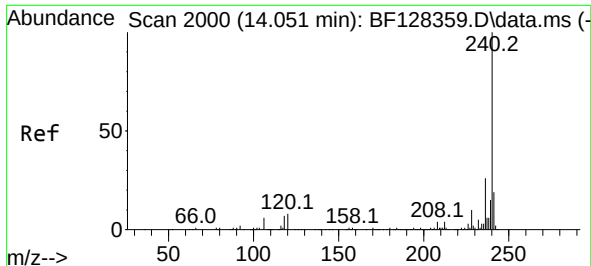
Tgt Ion:188 Resp: 470721  
Ion Ratio Lower Upper  
188 100  
94 9.6 8.0 12.0  
80 11.0 8.9 13.3



#67  
4-Bromophenyl-phenylether  
Concen: 2.274 ng  
RT: 10.692 min Scan# 1429  
Delta R.T. -0.241 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

Tgt Ion:248 Resp: 11202  
Ion Ratio Lower Upper  
248 100  
250 195.1 77.7 116.5#  
141 447.7 65.6 98.4#

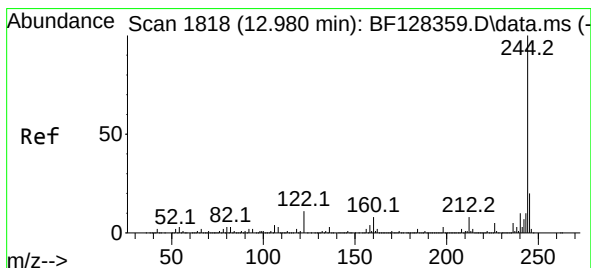
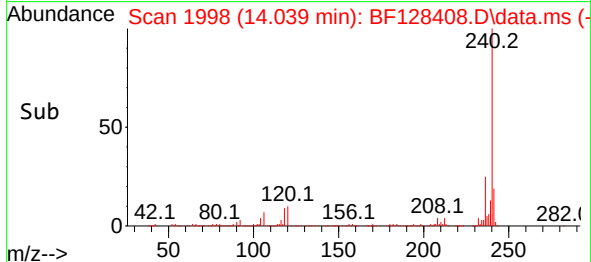
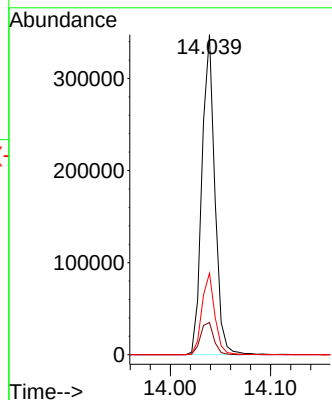
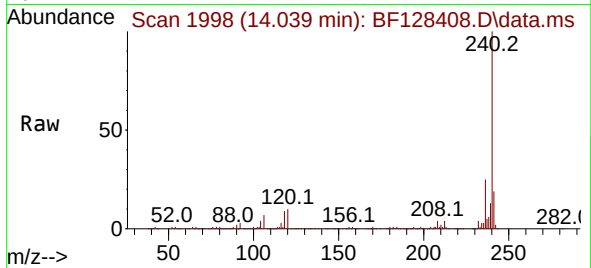




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 1998  
Delta R.T. -0.012 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

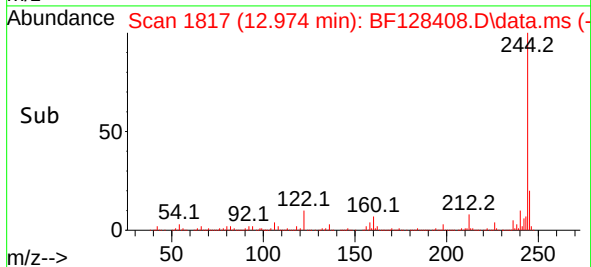
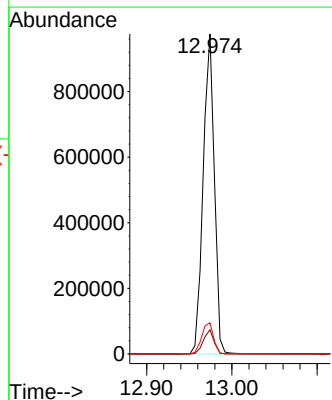
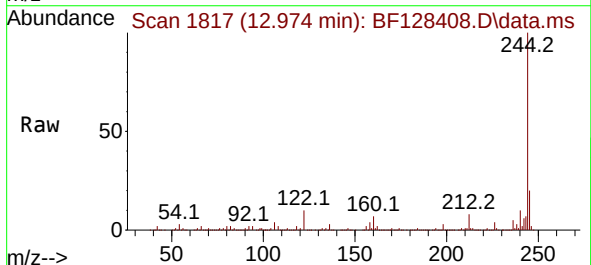
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS014-0006-01

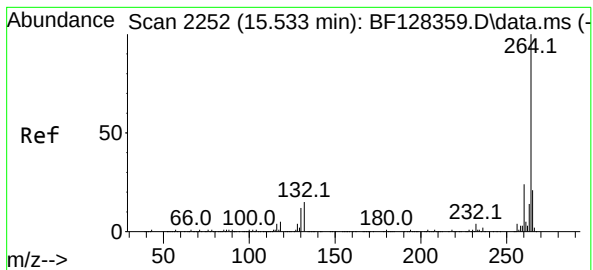
Tgt Ion:240 Resp: 312263  
Ion Ratio Lower Upper  
240 100  
120 10.0 7.0 10.6  
236 25.4 20.3 30.5



#79  
Terphenyl-d14  
Concen: 54.842 ng  
RT: 12.974 min Scan# 1817  
Delta R.T. -0.006 min  
Lab File: BF128408.D  
Acq: 23 May 2022 19:10

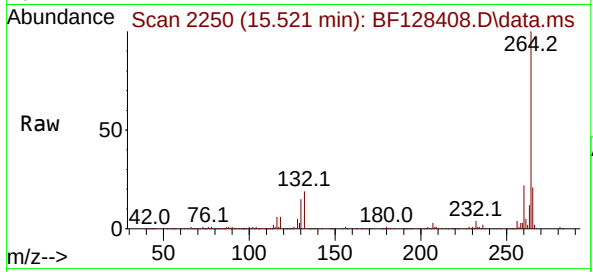
Tgt Ion:244 Resp: 887124  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.2 9.4  
122 9.8 8.6 12.8





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.521 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BF128408.D  
 Acq: 23 May 2022 19:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P007-SS014-0006-01



Tgt Ion:264 Resp: 238303

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.2  | 20.1  | 30.1  |
| 265 | 21.4  | 17.5  | 26.3  |

